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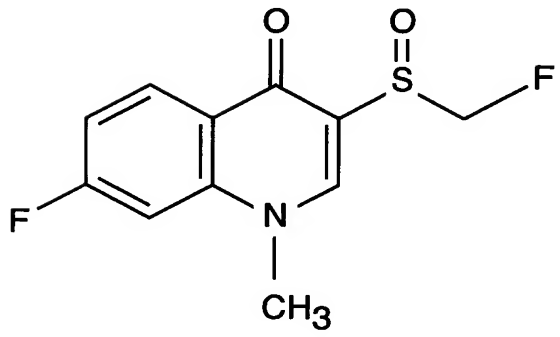

FIG. 1A

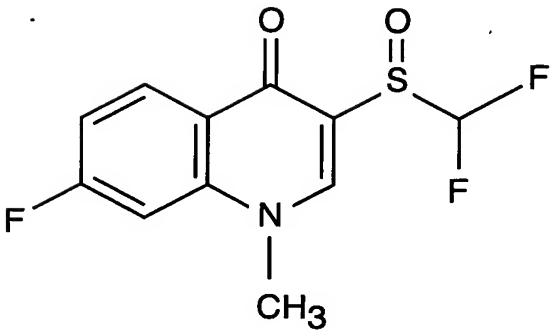

FIG. 1B

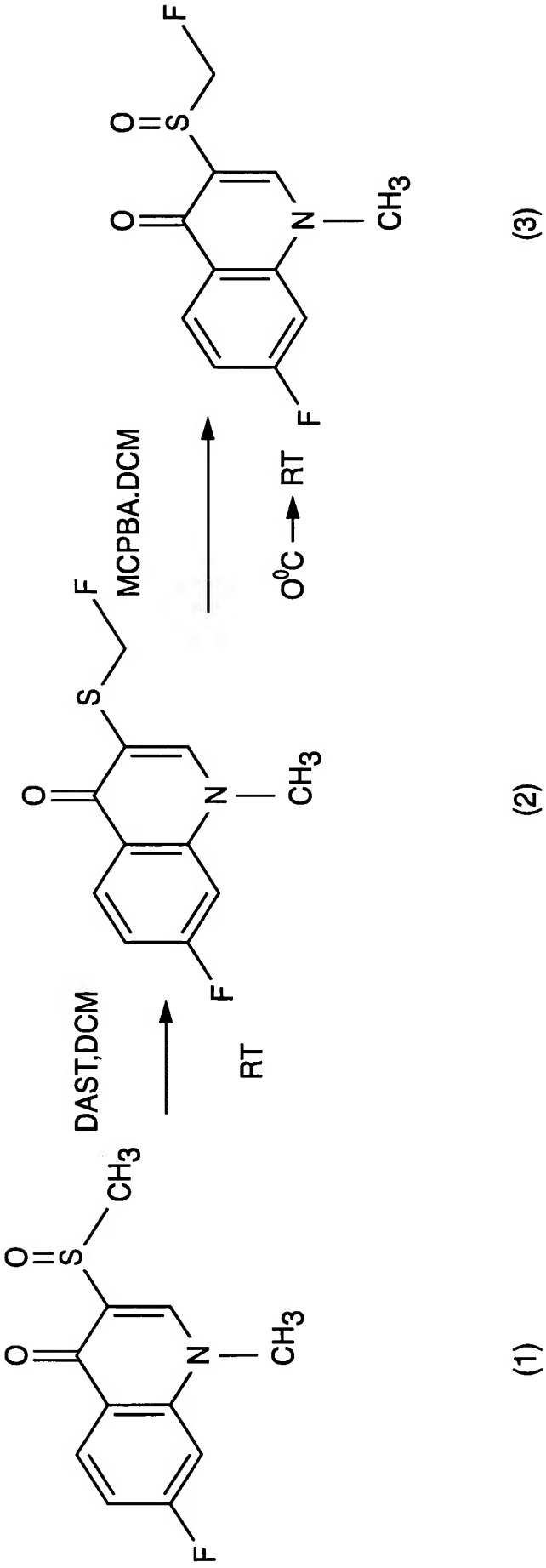

FIG. 2

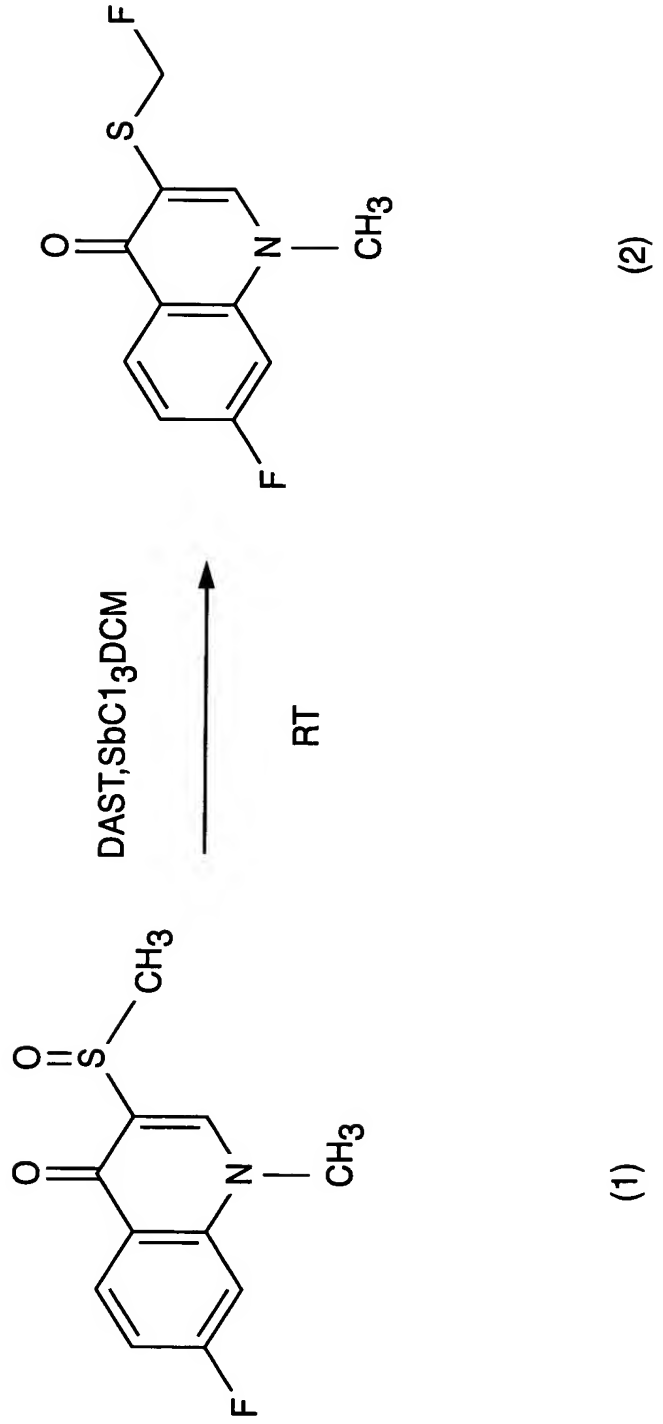

FIG. 3

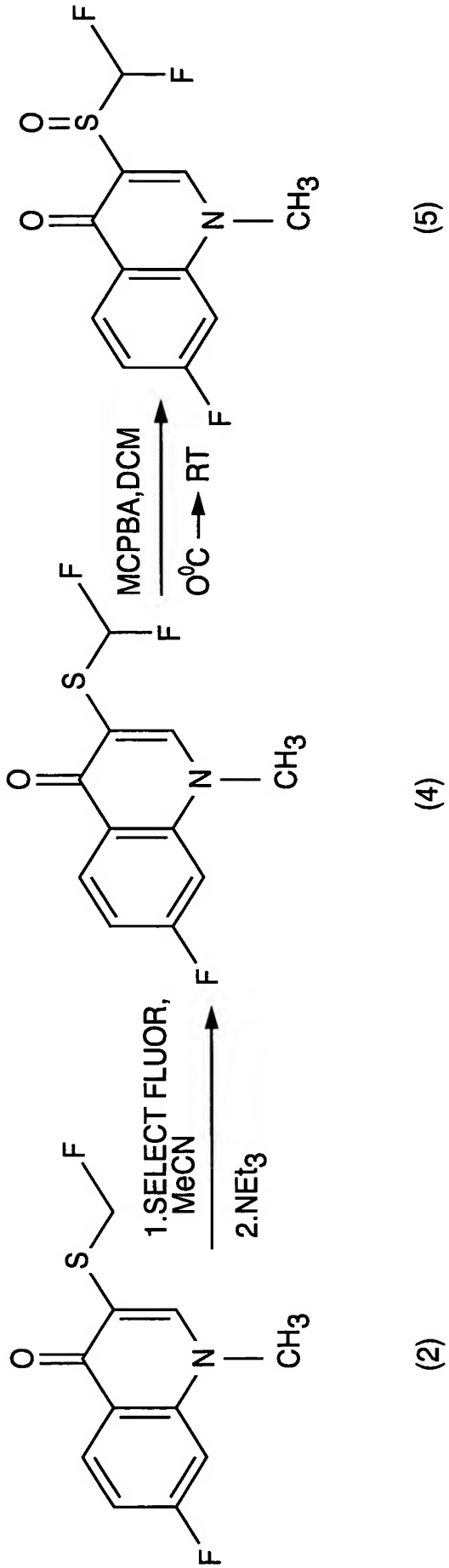

FIG. 4

CAT.#	TARGET	BATCH▲	SPP.	n=	CONC.	†%INHIBITION % -100 -50 0 50 100	IC_{50}	K_1	n_H	R
146000	PHOSPHODIESTERASE PDE1	45373	bov	2	100µM	29				
148000	PHOSPHODIESTERASE PDE2	45375	hum	2	100µM	10				
152000	PHOSPHODIESTERASE PDE3	45376	hum	2	100µM	2				
154000	PHOSPHODIESTERASE PDE4	45253	hum	2	100µM	12				
156000	PHOSPHODIESTERASE PDE5	45452	hum	2	100µM	4				
156100	PHOSPHODIESTERASE PDE6	45453	bov	2	100µM	23				
180010	PROTEIN SERINE/THREONINE KINASE PKCα	45273	hum	2	1000µM	10				
178010	PROTEIN SERINE/THREONINE									
✦	KINASE PKC, NON-SELECTIVE	45090	rat	2	1000µM	74				
✦		45491	rat	2	300µM	54				
✦				2	100µM	50				
214510	CALCIUM CHANNEL TYPE L, BENZOTHIAZEPINE	45139	rat	2	1000µM	13				
214600	CALCIUM CHANNEL TYPE L, DIHYDROPYRIDINE	45167	rat	2	1000µM	27				
215000	CALCIUM CHANNEL TYPE L, PHENYLALKYLAMINE	45262	rat	2	1000µM	7				
242500	INOSITOL TRIPHOSPHATE IP_3	45039	rat	2	1000µM	17				

▲BATCH: REPRESENTS COMPOUNDS TESTED CONCURRENTLY IN THE SAME ASSAY(S).
✦DENOTES ITEM MEETING CRITERIA FOR SIGNIFICANCE
†RESULTS WITH ≥ 50% STIMULATION OR INHIBITION ARE BOLDFACED.
(NEGATIVE VALUES CORRESPOND TO STIMULATION OF BINDING ENZYME ACTIVITY)
R=ADDITIONAL COMMENTS bov=BOVINE; hum=HUMAN

FIG. 5

Serial No.: 10/849,606 Filed: 05/20/04
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Applicant: Stefan Kwiatkowski
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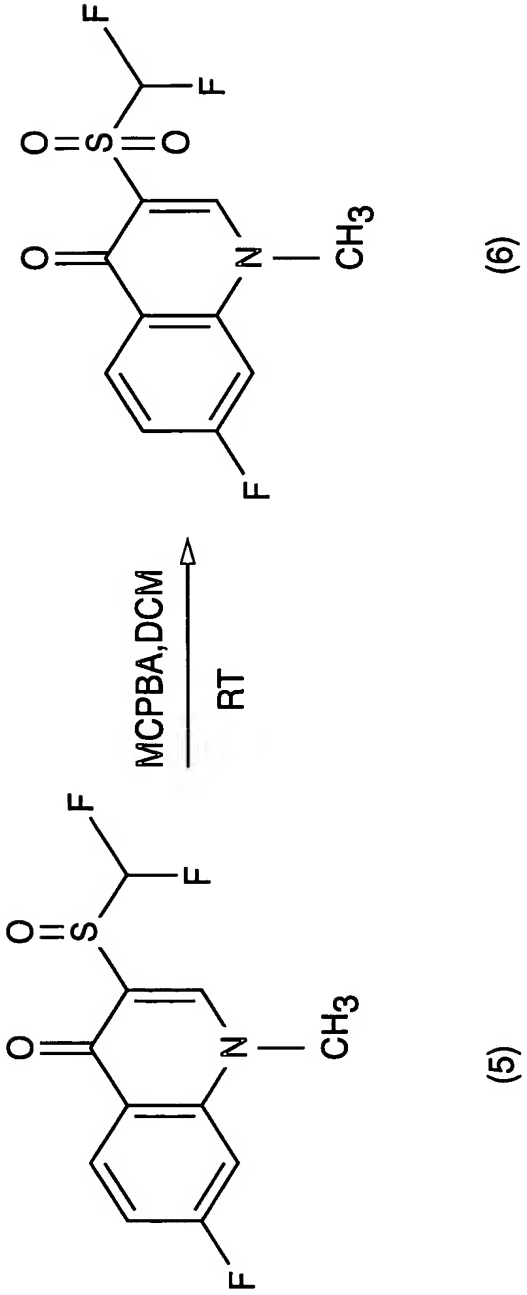

(6)

(5)

FIG. 6

CAT.#	TARGET	BATCH▲	SPP.	n=	CONC.	†%INHIBITION	IC50
						% -100 -50 0 50 100	
✦ 146000	PHOSPHODIESTERASE PDE1	47821	bov	2	1000µM	50	
✦		48192	bov	2	1000µM	55	385µM
				2	100µM	45	
				2	10µM	17	
				2	1µM	12	
148000	PHOSPHODIESTERASE PDE2	47677	hum	2	1000µM	-7	
✦ 152000	PHOSPHODIESTERASE PDE3	47676	hum	2	1000µM	66	
✦		48194	hum	2	1000µM	55	418µM
				2	100µM	44	
				2	10µM	6	
				2	1µM	-1	
154000	PHOSPHODIESTERASE PDE4	47675	hum	2	1000µM	25	
156000	PHOSPHODIESTERASE PDE5	47674	hum	2	1000µM	28	
156100	PHOSPHODIESTERASE PDE6	47672	bov	2	1000µM	24	
178010	PROTEIN SERINE/THREONINE KINASE PKC, NON-SELECTIVE						
✦		47916	rat	2	1000µM	64	
✦		48199	rat	2	1000µM	57	644µM
				2	100µM	24	
				2	10µM	0	
				2	1µM	-2	

FIG. 7

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	CAT.#	TARGET	BATCH▲	SPP.	n=	CONC.	†%INHIBITION	IC50
							% -100 -50 0 50 100	
✦	146000	PHOSPHODIESTERASE PDE1	47821	bov	2	1000µM	50	
✦			48192	bov	2	1000µM	55	385µM
					2	100µM	45	
					2	10µM	17	
					2	1µM	12	
	148000	PHOSPHODIESTERASE PDE2	47677	hum	2	1000µM	-7	
✦	152000	PHOSPHODIESTERASE PDE3	47676	hum	2	1000µM	66	
✦			48194	hum	2	1000µM	55	418µM
					2	100µM	44	
					2	10µM	6	
					2	1µM	-1	
	154000	PHOSPHODIESTERASE PDE4	47675	hum	2	1000µM	25	
	156000	PHOSPHODIESTERASE PDE5	47674	hum	2	1000µM	28	
	156100	PHOSPHODIESTERASE PDE6	47672	bov	2	1000µM	24	
	178010	PROTEIN SERINE/THREONINE						
✦		KINASE PKC, NON-SELECTIVE	47916	rat	2	1000µM	64	
✦			48199	rat	2	1000µM	57	644µM
					2	100µM	24	
					2	10µM	0	
					2	1µM	-2	

FIG. 8

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